**More fun with fractions – Part 1**

Please work with your group to complete these. Don’t move forward until everyone in your group is comfortable with your group’s solution strategies.

Part 1 of your task:

Use a model to solve each of the following. For each, write a number sentence showing the operation you would use to solve computationally. How do you know that is the correct operation?

1. One serving of Gus’s dog biscuits is ¼ of a biscuit. How many servings are 5 biscuits?
2. One serving of Gus’s dog biscuits is ¾ of a biscuit. How many servings are 5 biscuits?
3. One serving of Gus’s dog biscuits is ½ of a biscuit. How many servings can he make from ¾ of a biscuit?
4. One serving of Gus’s dog biscuits is ½ of a biscuit. How many servings can he make from 3/8 of a biscuit?
5. One serving of Gus’s dog biscuits is ½ of a biscuit. How many servings can he make from 5/8 of a biscuit?
6. One serving of Gus’s dog biscuits is ¾ of a biscuit. How many servings can he make from 1/2 of a biscuit?
7. One serving of Gus’s dog biscuits is 5/8 of a biscuit. How many servings can he make from 1/2 of a biscuit?
8. One serving of Gus’s dog biscuits is 1/3 of a biscuit. How many servings can he make from ¾ of a biscuit?

Part 2 of your task

* Generalize. What strategy are you using to solve these problems with a diagram? Could you translate this process to an algorithm?